## WHAT IS CLAIMED IS:

1	1. In a relationship between a telecommunication provider and a plurality			
2	of subscribers, a device for determining an appropriate set of addresses to which to distribute			
3	an alert, the device comprising:			
4	at least one interface member in communication with a communication			
5	network;			
6	a processor in communication with the at least one interface member; and			
7	a storage medium in communication with the processor, the storage medium			
8	comprising instructions executable by the processor to:			
9	maintain a directory of alert gateways, the directory comprising a			
10	plurality of directory entries, each directory entry being associated with a particular			
11	alert gateway and comprising at least one gateway characteristic associated with that			
12	alert gateway, the gateway characteristic including information to enable the alert			
13	distribution device to determine whether a given alert should be transmitted to the			
14	alert gateway;			
15	maintain a distribution address associated with each of the alert			
16	gateways, the distribution address for a particular alert gateway providing sufficient			
17	identifying information about that alert gateway to allow an alert to be transmitted to			
18	the alert gateway;			
19	associate the at least one gateway characteristic for a particular alert			
20	gateway with the distribution address for that particular alert gateway;			
21	receive an alert via the at least one interface member, the alert having			
22	associated information about the alert;			
23	identify, based on the information about the alert, a set of selection			
24	criteria for determining which of the plurality of alert gateways should receive the			
25	alert;			
26	search the directory for at least one directory entry comprising a			
27	gateway characteristic corresponding to the identified selection criteria; and			
28	identify, based on the search, a set of at least one distribution address			
29	that should receive the alert, each member of the set of distribution addresses being			
30	associated with a directory entry comprising a gateway characteristic that corresponds			
31	to the identified selection criteria.			

- 1 2. The device of claim 1, wherein the at least one gateway characteristic 2 associated with each of the alert gateways comprises information about the geographic 3 location of the alert gateway.
  - 3. The device of claim 2, wherein the information about the alert comprises geographic information about a geographic area to which the alert pertains, such that subscribers outside the geographic area would be relatively unlikely to be interested in receiving the alert.

- 4. The device of claim 1, wherein the directory entry for each alert gateway comprises information about a distribution address for that alert gateway, and wherein maintaining a distribution address associated with each of the alert gateways comprises maintaining the information about the distribution address.
- 5. The device of claim 1, wherein the storage medium comprises a first database, the first database comprising the directory of alert gateways.
- 6. The device of claim 5, wherein storage medium comprises a second database, the second database comprising the distribution addresses associated with each of the alert gateways.
  - 7. The device of claim 1, wherein the at least one gateway characteristic associated with an alert gateway comprises information selected from the group consisting of the area code in which the alert gateway is located, the ZIP code in which the alert gateway is located, the latitude and longitude coordinates of the alert gateway, the Global Positioning System coordinates of the alert gateway, demographic information about a subscriber associated with the alert gateway, and information about subscriber preferences held by a subscriber associated with the alert gateway.
- 1 8. The device of claim 1, wherein the alert comprises urgent public 2 information.
- 9. The device of claim 8, wherein the urgent public information is selected from a group consisting of an Emergency Alert System transmission, an Amber Alert, a severe weather notification, and a Homeland Security Advisory notification.

1	10. The device of claim 1, wherein the information about the alert is				
2	incorporated within the alert.				
1	11. The device of claim 1, wherein the alert information about the alert is				
2	additional to the alert.				
1	12. The device of claim 1, wherein the storage medium comprises further				
2	instructions executable by the processor to extract from the alert the information about the				
3	alert.				
1	13. The device of claim 1, wherein the communication network is selected				
2	from a group consisting of a radio-frequency transmission, a telephone network, a cable				
3	television distribution network, the Internet, a fiber-optic network, a high-speed data network				
4	a wireless network, and a microwave network.				
1	14. The device of claim 1, wherein the communication network is a				
2	plurality of communication networks and wherein, for a particular distribution address, the				
3	device is configured to select the most appropriate communication network via which to				
4	transmit the alert information to the particular distribution address.				
1	15. In a relationship between a telecommunication provider and a plurality				
2	of subscribers, a method for determining an appropriate set of addresses to which to distribute				
3	an alert, the method comprising:				
4	maintaining a directory of alert gateways, the directory comprising a plurality				
5	of directory entries, each directory entry being associated with a particular alert gateway and				
6	comprising at least one gateway characteristic associated with that alert gateway, the gateway				
7	characteristic including information to enable the alert distribution device to determine				
8	whether a given alert should be transmitted to the alert gateway;				
9	maintaining a distribution address associated with each of the alert gateways,				
10	the distribution address for a particular alert gateway providing sufficient identifying				
11	information about that alert gateway to allow an alert to be transmitted to the alert gateway;				
12	associating the at least one gateway characteristic for a particular alert				
13	gateway with the distribution address for that particular alert gateway;				
14	receiving an alert, the alert having associated information about the alert;				

15	identifying, based on the information about the alert, a set of selection criteria		
16	for determining which of the plurality of alert gateways should receive the alert;		
17	searching the directory for at least one directory entry comprising a gateway		
18	characteristic corresponding to the identified selection criteria; and		
19	identifying, based on the search, a set of at least one distribution address that		
20	should receive the alert, each member of the set of distribution addresses being associated		
21	with a directory entry comprising a gateway characteristic that corresponds to the identified		
22	selection criteria.		
1	16. The method of claim 15, wherein the at least one gateway		
2	characteristic associated with each of the alert gateways comprises information about the		
3	geographic location of the alert gateway.		
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1	17. The method of claim 16, wherein the information about the alert		
2	comprises geographic information about a geographic area to which the alert pertains, such		
3	that subscribers outside the geographic area would be relatively unlikely to be interested in		
4	receiving the alert.		
1	18. The method of claim 15, wherein the directory entry for each alert		
2	gateway comprises information about a distribution address for that alert gateway, and		
3	wherein maintaining a distribution address associated with each of the alert gateways		
4	comprises maintaining the information about the distribution address.		
1	19. The method of claim 15, wherein the directory of alert gateways		
2	comprises a first database.		
1	20. The method of claim 19, wherein the distribution address associated		
2	with each of the alert gateways are maintained in a second database.		
1	21. The method of claim 15, wherein the at least one gateway		
2	characteristic associated with an alert gateway comprises information selected from the group		
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characteristic associated with an alert gateway comprises information selected from the group consisting of the area code in which the alert gateway is located, the ZIP code in which the alert gateway is located, the latitude and longitude coordinates of the alert gateway, the Global Positioning System coordinates of the alert gateway, demographic information about a subscriber associated with the alert gateway, and information about subscriber preferences held by a subscriber associated with the alert gateway.

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1		22.	The method of claim 15, wherein the alert comprises urgent public
2	information.		
1		23.	The method of claim 8, wherein the urgent public information is
2	selected from	a group	consisting of an Emergency Alert System transmission, an Amber
3	Alert, a severe	weath	er notification, and a Homeland Security Advisory notification.
1		24.	The method of claim 15, wherein the information about the alert is
2	incorporated w	vithin t	he alert.
1		25.	The method of claim 15, wherein the alert information about the alert
2	is additional to	the al	ert.
1		26.	The method of claim 15, further comprising extracting from the alert
2	the information	n abou	t the alert.
1		27.	In a relationship between a telecommunication provider and a plurality
2	of subscribers,	a syste	em for distributing an alert to an appropriate set of subscribers, the
3	system compri	sing:	
4		a plura	ality of alert gateways configured to receive an alert, each of the
5	plurality of ale	ert gate	ways being associated with at least one subscriber;
6		a com	munication network in communication with the plurality of alert
7	gateways; and		
8		an ale	rt distribution device in communication with the communication
9	network, the a	lert dis	tribution device comprising:
10			at least one interface member in communication with the network;
l 1			a processor in communication with the at least one interface member;
12	and		
13			a storage medium in communication with the processor, the storage
14	mediur	n com	prising instructions executable by the processor to:
15			maintain a directory of alert gateways, the directory comprising
16		a plura	ality of directory entries, each directory entry being associated with a
17		partic	ular alert gateway and comprising at least one gateway characteristic
18		associ	ated with that alert gateway, the gateway characteristic including

19 information to enable the alert distribution device to determine whether a 20 given alert should be transmitted to the alert gateway; 21 maintain a distribution address associated with each of the alert 22 gateways, the distribution address for a particular alert gateway providing 23 sufficient identifying information about that alert gateway to allow an alert to 24 be transmitted to the alert gateway; 25 associate the at least one gateway characteristic for a particular 26 alert gateway with the distribution address for that particular alert gateway; 27 receive an alert via the at least one interface member, the alert 28 having associated information about the alert; 29 identify, based on the information about the alert, a set of 30 selection criteria for determining which of the plurality of alert gateways 31 should receive the alert: 32 search the directory for at least one directory entry comprising 33 a gateway characteristic corresponding to the identified selection criteria; 34 identify, based on the search, a set of at least one distribution 35 address that should receive the alert, each member of the set of distribution 36 addresses being associated with a directory entry comprising a gateway 37 characteristic that corresponds to the identified selection criteria; and 38 using the at least one interface member, transmit the alert via 39 the network to a set of alert gateways, each member of the set of alert 40 gateways being associated with a member of the set of distribution addresses. 1 28. The system of claim 27, wherein the at least one gateway characteristic 2 associated with each of the alert gateways comprises information about the geographic 3 location of the alert gateway. 1 29. The system of claim 28, wherein the information about the alert comprises geographic information about a geographic area to which the alert pertains, such 2 3 that subscribers outside the geographic area would be relatively unlikely to be interested in 4 receiving the alert. 1 30. The system of claim 27, wherein the directory entry for each alert 2 gateway comprises information about a distribution address for that alert gateway, and

- 3 wherein maintaining a distribution address associated with each of the alert gateways
- 4 comprises maintaining the information about the distribution address.

subscriber associated with the alert gateway.

- 1 31. The system of claim 27, wherein the storage medium comprises a first database, the first database comprising the directory of alert gateways.
- 1 32. The system of claim 31, wherein storage medium comprises a second database, the second database comprising the distribution addresses associated with each of the alert gateways.
- 33. The system of claim 27, wherein the at least one gateway characteristic associated with an alert gateway comprises information selected from the group consisting of the area code in which the alert gateway is located, the ZIP code in which the alert gateway is located, the latitude and longitude coordinates of the alert gateway, the Global Positioning System coordinates of the alert gateway, demographic information about a subscriber associated with the alert gateway, and information about subscriber preferences held by a
- 1 34. The system of claim 27, wherein at least one of the plurality of alert 2 gateways is incorporated within a network interface device.
- 1 35. The system of claim 27, wherein at least one of the plurality of alert gateways is in communication with a network interface device.
- 1 36. The system of claim 27, wherein the alert comprises urgent public information.
- 1 37. The system of claim 36, wherein the urgent public information is 2 selected from a group consisting of an Emergency Alert System transmission, an Amber 3 Alert, a severe weather notification, and a Homeland Security Advisory notification.
- 1 38. The system of claim 27, wherein the information about the alert is 2 incorporated within the alert.
- 1 39. The system of claim 27, wherein the alert information about the alert is additional to the alert.

1	40. The system of claim 27, wherein the storage medium comprises further			
2	instructions executable by the processor to extract from the alert the information about the			
3	alert.			
1	41. The system of claim 27, wherein the communication network is			
2	selected from a group consisting of a radio-frequency transmission, a telephone network, a			
3	cable television distribution network, the Internet, a fiber-optic network, a high-speed data			
4	network, a wireless network, and a microwave network.			
1	42. The system of claim 27, wherein the communication network is a			
2	plurality of communication networks and wherein, for a particular distribution address, the			
3	alert distribution device is configured to select the most appropriate communication network			
4	via which to transmit the alert information to the particular distribution address.			
5	43. In a relationship between a telecommunication provider and a plurality			
6	of subscribers, a system for distributing an alert to an appropriate set of subscribers, the			
7	system comprising:			
8	a plurality of alert gateways configured to receive an alert, each of the			
9	plurality of alert gateways having a geographic location, and each of the plurality of alert			
10	gateways being associated with at least one subscriber;			
11	a network configured to provide communication with the plurality of alert			
12	gateways; and			
13	an alert distribution device comprising:			
14	at least one interface member in communication with the network;			
15	a processor in communication with the at least one interface member;			
16	and			
17	a storage medium in communication with the processor, the storage			
18	medium comprising instructions executable by the processor to:			
19	maintain a database of alert gateways, the database comprising			
20	a plurality of database records, each database record being associated with an			
21	alert gateway and comprising location information about the geographic			
22	location of that alert gateway;			
23	maintain a distribution address associated with each of the alert			
24	gateways, the distribution address for an alert gateway providing sufficient			

25	identifying information about that alert gateway to allow an alert to be	
26	transmitted to the alert gateway;	
27	associate the at least one gateway characteristic for a particu	ılar
28	alert gateway with the distribution address for that particular alert gateway	
29	receive an alert via the at least one interface member, the ale	ert
30	comprising information about a geographic area to which the alert pertains	,
31	such that subscribers outside the geographic area would be relatively unlike	ely
32	to be interested in receiving the alert;	
33	identify, based on the information about the geographic area	ı to
34	which the alert pertains, a set of geographic criteria for determining which	of
35	the plurality of alert gateways should receive the alert;	
36	search the database for at least one directory entry comprising	ıg
37	location information meeting the set of geographic criteria;	
38	identify, based on the search, a set of at least one distribution	n
39	address that should receive the alert, each of the set of distribution addresse	s
40	associated with a directory entry comprising location information meeting t	he
41	set of geographic criteria; and	
42	using the at least one interface member, transmit the alert via	a
43	the network to a set of alert gateways, each member of the set of alert	
44	gateways being associated with a member of the set of distribution addresse	s.
1	44. The system of claim 43, wherein at least one of the plurality of alert	
2	gateways is incorporated within a network interface device.	
1	45. The system of claim 43, wherein at least one of the plurality of alert	
2	gateways is in communication with a network interface device.	
1	46. The system of claim 43, wherein the alert comprises urgent public	•
2	46. The system of claim 43, wherein the alert comprises urgent public information.	
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1	47. The system of claim 46, wherein the urgent public information is	
2	selected from a group consisting of an Emergency Alert System transmission, an Amber	
3	Alert, a severe weather notification, and a Homeland Security Advisory notification.	
1	48. The system of claim 43, wherein the location information is selected	
2	from the group consisting of the area code in which the alert gateway is located, the ZIP co	de

3	in which the alert gateway is located, the latitude and longitude coordinates of the alert
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2	a plurality
3	of subscribers, a method for distributing an alert to an appropriate set of subscribers, the method comprising:
4	maintaining a database of alert gateways, the database comprising a plurality
5	of database records, each database record being associated with an alert gateway and
6	comprising location information about the geographic location of that alert gateway;
7	maintaining a distribution address associated with each of the alert gateways,
8	the distribution address for an alert gateway providing sufficient identifying information
9	about that alert gateway to allow an alert to be transmitted to the alert gateway;
10	associating the at least one gateway characteristic for a particular alert
11	gateway with the distribution address for that particular alert gateway;
12	receiving an alert via the at least one interface member, the alert comprising
13	information about a geographic area to which the alert pertains, such that subscribers outside
14	the geographic area would be relatively unlikely to be interested in receiving the alert;
15	identifying, based on the information about the geographic area to which the
16	alert pertains, a set of geographic criteria for determining which of the plurality of alert
17	gateways should receive the alert;
18	searching the database for at least one directory entry comprising location
19	information meeting the set of geographic criteria;
20	identifying, based on the search, a set of at least one distribution address that
21	should receive the alert, each member of the set of distribution addresses being associated
22	with a directory entry comprising location information meeting the set of geographic criteria;
23	and
24	transmitting the alert to a set of alert gateways, each member of the set of alert
25	gateways being associated with a member of the set of distribution addresses.
1	50. The method of claim 49, wherein at least one of the plurality of alert
2	gateways is incorporated within a network interface device.
1	51. The method of claim 49, wherein at least one of the plurality of alert
2	gateways is in communication with a network interface device.

- The method of claim 49, wherein the location information is selected from the group consisting of the area code in which the alert gateway is located, the ZIP code in which the alert gateway is located, the latitude and longitude coordinates of the alert gateway, and the Global Positioning System coordinates of the alert gateway.
- 1 53. The method of claim 49, wherein the alert comprises urgent public 2 information.
- 1 54. The method of claim 53, wherein the urgent public information is 2 selected from a group consisting of an Emergency Alert System transmission, an Amber 3 Alert, a severe weather notification, and a Homeland Security Advisory notification.